

ART 34 ANDT

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Patent Claims

- 1 Flat, flexible laminated composite material, with a
liquid-impermeable layer (14) and a liquid-absorbent
5 layer (16) joined to the latter, characterised in that
a support layer (12), comprising a flexible network
layer (34), carries the liquid-impermeable layer (14).
2. Laminated composite material according to claim 1,
10 characterised in that the liquid-impermeable layer is
a sheet (14).
3. Laminated composite material according to claim 1 or
2, characterised in that the liquid-absorbent layer
15 (16) has a pile (22), preferably of cotton fibres
(24).
4. Laminated composite material according to claim 3,
20 characterised in that the liquid-absorbent layer (16)
comprises a fleecy material.
5. Laminated composite material according to claim 1 or
2, characterised in that the liquid-absorbent layer
25 (16) is a fleece layer.
6. Laminated composite material according to one of the
preceding claims, characterised in that the liquid-
absorbent layer (16) contains microcapsules (28) that
30 are filled with a substance (32) and that have a
covering (30) that can be degraded or destroyed by
pressure, temperature or moisture.
7. Laminated composite material according to claim 6 in
35 conjunction with claim 3, characterised in that the
microcapsules (28) adhere to the fibres (24) of the
pile (22), preferably via a bonding agent (26).

AMENDED SHEET

8. Laminated composite material according to one of claims 1 to 7, characterised in that the flexible network layer (34) consists of a material having a high degree of friction, in particular rubber.
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9. Laminated composite material according to one of the preceding claims, characterised in that a liquid-permeable, preferably hydrophobic cover layer (18) for the liquid-absorbent layer (16) is provided on the side remote from the liquid-impermeable layer (14), the said cover layer being joined to the liquid-absorbent layer (16).
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10. Laminated composite material according to claim 9, characterised in that the cover layer (18) is bonded to the liquid-absorbent layer (16), the bonding agent being provided on a plurality of bonding positions (36) spaced apart from one another and distributed over the surface of the laminated composite material (10).
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